

## ABSTRACT

A method and apparatus is provided for remotely controlling a set of functions for a wireless audio system from a remote control. The method includes the steps of generating a digitally modulated pilot tone, and transmitting this pilot tone within a radio communication to a wireless receiver. The digitally modulated pilot tone carries data about a plurality of functions related to an audio source and its associated transmitter. The method further includes a step of receiving the data at a wireless receiver, augmenting it by information related to the wireless receiver, and communicating the resulting data via a communication network to a remote central control. The method further includes monitoring the resulting data at the remote central control, diagnosing detected problems associated with the wireless audio system, and communicating to the wireless audio system appropriate remedial action to alleviate the detected problems.